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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No.	9501-71831
First Inventor	Samuel N. Crane Jr. et al.
Title	Method and Apparatus for Trapping and Purging Soot from a Fuel Reformer
Cymraes Mail Labol	EV2272400EEUC

(Only for new i	nonprovisional applications under	37 CFR 1.53(b))	Express I	Mail Label	Į.	EV33	7240855US	
See MPEP o	APPLICATION ELEM chapter 600 concerning utility par		ontents.	,	ADDRES	S 7O: Commis P. O. Bo	p Patent Application ssioner for Patents ox 1450 Iria VA 22313-1450	0
1.	e Transmittal Form (e.g., PT ubmit an original, and a duplicate plicant claims small entity s e 37 CFR 1.27. ecification eferred arrangement set forth be cross Reference to Related A statement Regarding Fed sp deference to sequence listing r a computer program listing lackground of the Invention drief Summary of the Invention drief Description of the Drawi betailed Description	to for fee processing tatus. (Total Pages low) on Applications onsored R & Eg, a table, g appendix	41]	(if applia. b.	Comput cotide and licable, all r	or CD-R in duer Program (Ap. for Amino Acid hecessary) omputer Reada ation Sequence CD-ROM or Paper tatements verifications	uplicate, large table or uppendix) Sequence Submission able Form (CRF) Listing on: CD-R (2 copies); or upper upper copies above copies	s 22141 ¹ 10/69
- C - A	claim(s) Abstract of the Disclosure awing(s) (35 U.S.C. 113)	(Total Pages nal or copy)		9. V 10	37 CFR 3 (when the English 1 Informati Statemer Prelimina Return R (Should be Certified	3.73(b) Statemore is an assignee) Franslation Docton Disclosure Int (IDS)/PTO-1- Interpretary Amendment Receipt Postcare Expecifically item Copy of Priority	tument (if applicable) Copies of I Citations t d (MPEP 503) ized) y Document(s)	attorney
<u> </u>	i. DELETION OF Signed statemer named in the price 1.63(d)(2) and 1. oplication Data Sheet. See 3	nt attached deleti or application, se 33(b). 37 CFR 1.76	ng inventor(s e 37 CFR	16	Nonpubli (b)(2)(B) or its equ Other:	(i). Applicant m uivalent.	t under 35 U.S.C. 122 nust attach form PTO/S	B/35
specification fol Cor Prior a For CONTINU under Box 5b	INTINUING APPLICATION, flowing the title, or in an Application intinuation Divisional pplication information: Examplication OR DIVISIONAL APPS is considered a part of the concorporation can only be released.	Continu Continu inner conly: The enti	nder 37 CFR ation-in-par re disclosur e accompar	1.76: t (CIP) of p e of the prior	orior applic G applicatio ation or div	cation No.: iroup / Art Unit: in, from which a visional applicati	n oath or declaration is	orated by
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Name (Print/Type) Shawn D. Bauer			Regi	istration N	O. (Attorney/Agent)	41,005	\supset
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BARNES & THORNBURG

11 South Meridian Street Indianapolis, IN 46204 (317) 236-1313 (317) 231-7433 Fax

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Unknown Group: Confirmation No.: Unknown Unknown Application No.: Invention: METHOD AND APPARATUS FOR TRAPPING AND PURGING SOOT FROM A FUEL REFORMER Samuel N. Crane Jr. et al. Applicant: Filed: Herewith (October 24, 2003) Attorney 9501-71831 Docket: Unknown Examiner:

CERTIFICATE UNDER 37 C.F.R. § 1.10

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Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 24, 2003. The Express Mail mailing label number is EV337240855US.

Respectfully submitted,

BARNES & THORNBURG

Karla I. Mays

SDB/kim Indianapolis, IN (317) 231-7313

INDS02 SDB 616281v1

Complete if Known

Recording each patent assignment per property (times number of properties)

For each additional invention to be examined (37 CFR § 1.129(b))

SUBTOTAL (3)

Filing a submission after final rejection (37 CFR § 1.129(a))

385 Request for Continued Examination (RCE)

900 Request for expedited examination of a design application

40.00

\$40.00

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAI

Fee Fee Code (\$)

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Fee Fee Code (\$)

2201 43

2203 145

2204 43

9

2202

Fee Description

Independent claims in excess of 3

** Reissue independent claims

** Reissue claims in excess of 20 and over original patent

(\$)

Multiple dependent claim, if not paid

Claims in excess of 20

over original patent

SUBTOTAL (2)

*or number previously paid, if greater; For Reissues, see above

f-" L/ 2004		Appi	ication	Numi	Dei Unknown			
for FY 2004			g Date		Herewith (October 24, 2003)	Herewith (October 24, 2003)		
Effective 10/01/2003. Patent fees are subject to annual revision.			Name	d Inve	entor Samuel N. Crane Jr. et al.	Samuel N. Crane Jr. et al.		
Applicant claims small entity status. See 37 CFR 1.27			miner l	Name	Unknown	Unknown		
		Art Unit			Unknown	Unknown		
TOTAL AMOUNT OF PAYMENT (\$)	\$954.00	Atto	rney D	ocket	No. 9501-71831			
METHOD OF DAVMENT					E CALCULATION A			
METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)								
Order U		B. ADDITIONAL FEES urge Entity Small Entity						
Deposit Account:	Fee	Fee	Fee	Fee	Fee Description	Fee Paid		
Deposit Account 10-0435	Code 105	, , ,	2051	(\$) 65	Surcharge - late filing fee or oath			
Number	105	2 50	2052	25	Surcharge - late provisional filing fee or cover			
Deposit Account BARNES & THORNBURG	G 105		4050	400	sheet			
Name	105		1		Non - English specification			
The Director is authorized to: (check all that apply)		2 2,520 4 920*	1804		For filing a request for ex parte reexamination Requesting publication of SIR prior to Examine	or		
Charge fee(s) indicated below Credit any overpayr	nents 100	4 920	1004	920	action	51		
Charge any additional fee(s) or any underpayment of fee(s)	180	5 1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.		1 110	2251	55	Extension for reply within first month			
FEE CALCULATION	125	2 420	2252	210	Extension for reply within second month			
1. BASIC FILING FEE	125	3 950	2253	475	Extension for reply within third month			
Large Entity Small Entity	125	4 1,480	2254	740	Extension for reply within fourth month			
Fee Fee Fee Fee Description	Paid 125	5 2,010	2255	1,005	Extension for reply within fifth month			
1001 770 2001 385 Utility filing fee	770.00	1 330	2401	165	Notice of Appeal			
1002 340 2002 170 Design filing fee	140	2 330	2402	165	Filing a brief in support of an appeal			
1003 530 2003 265 Plant filing fee	140	3 290	2403	145	Request for oral hearing			
1004 770 2004 385 Reissue filing fee	145	1 1,510	1451	1,510	Petition to institute a public use proceeding			
1005 160 2005 80 Provisional filing fee	145	2 110	2452	55	Petition to revive - unavoidable			
SUBTOTAL (1) (\$) \$	770.00	3 1,330	2453	665	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND	150	1 1,330	2501	665	Utility issue fee (or reissue)			
Fee from	150	2 480	2502	240	Design issue fee			
Extra Claims below Total Claims 28 -20** = 8 X 18.00 =	150 144.00	3 640	2503	320	Plant issue fee			
Independent 3 - 3** = 0 X 86.00 =	0.00	0 130	1460	130	Petitions to the Commissioner			
Claims S S S S S S S S S S S S S S S S S S S	180	7 50	1807		Processing fee under 37 CFR § 1.17(q)			
Large Entity Small Entity	180	6 180	1806	180	Submission of Information Disclosure			

SUBMITTED BY	<i>,</i>			Complete (if a	pplicable)
Name (Print/Type)	Shawn D. Bauer	Registration No. (Attorney/Agent)	41,603	Telephone	(317) 231-7313
Signature	Than 13			Date	9501-71831

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770 2810

770 2801

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Other fee (specify)

*Reduced by Basic Filing Fee Paid

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